

(IPS), in accordance with DoD Instruction 5000.2. Those training devices that are not included in a major system acquisition should be identified and justified in relation to a specific training program or course. The Military Services shall ensure that all development, procurement, operation, and support costs are programmed and funded.

(3) These policies do not imply that a training system, simulator, or device must be procured from the prime contractor for the defense system being supported.

(4) The acquisition of a training system that supports a new defense system or equipment shall be assigned the same priority as that of the parent system or equipment.

(5) Those training devices dedicated to defense systems or equipment should be available in time for the fielding of the parent system.

(6) These policies and the guidelines to implement them apply to acquisition funds from advanced development through procurement.

(7) Joint-Services acquisition of common training devices should be fully considered in *each* Military Service's training analysis and planning.

(b) *Development planning guidelines.* (1) Once a training device requirement has been established, the training device program must be described and documented in a Military Service's approved development plan (DP) or equivalent before development of the training device may proceed.

(2) The DP, which documents the Military Service's training requirement, must integrate the proposed, specific training device hardware or software system being developed and acquired with the training system for which it is intended.

(3) The DP shall address the following items as data become available:

(i) Assessment of Training need and expected benefit from the training device(s).

(ii) Description of the training device(s).

(iii) Acquisition and modification schedule.

(iv) Ability of the training devices to maintain or improve safety.

(v) Course and training estimates including projected student flows and

loads, requirements for instructors and other staff, location of training facilities, and other training requirements.

(c) *Acquisition guidelines.* (1) Training device alternatives including, but not limited to, trainers, general versus specific devices, real equipment versus simulated equipment, and embedded training capability should be evaluated by the Military Service concerned. Where applicable, economic analyses of alternatives should be conducted in accordance with the methods and assumptions in DoD Instruction 7041.3. The evaluation of each alternative should consider as appropriate:

(i) Life-cycle use versus costs.

(ii) Trade-off with requirements for munitions, if applicable.

(iii) Capability of the training device(s) to accommodate changes made to the parent defense systems based on data on minimum and maximum changes made over the life cycle of similar defense systems.

(iv) Student load and curriculum changes or field application training changes anticipated during the life cycle.

(2) When military specification equipment is not required to meet performance needs, commercial practices and equipment should be used to contain initial procurement and follow-on support costs. Commercially available training programs also deserve serious consideration.

(3) Specifications should cover training functions, performance levels, and required proficiency.

(d) *Training effectiveness evaluation guidelines.* Analysis of training capability and potential should focus on data based on actual experience.

§ 73.5 Responsibilities.

(a) The *Assistant Secretary of Defense for Force Management and Personnel* (ASD(FM&P)) shall:

(1) Monitor the Military Services' compliance with this part.

(2) Designate action officers for training devices associated with major system acquisitions' constituting major systems in themselves, and non-system training devices meeting the documentation threshold. These action officers shall:

(i) Monitor the status of training devices, as assigned.

(ii) Review Military Service-provided DPs.

(iii) Obtain such reports and information as may be necessary in performing assigned functions, in accordance with DoD Directive 5000.19.

(3) Review the Military Service's Regulations, Manuals, or Instructions implementing this part.

(4) Review the Military Service's acquisition documentation to identify areas of potential joint applicability.

(5) Respond to Congressional inquiries on implementation of this part and results achieved.

(6) Administer a continuing review of policy on training devices, updating this part as necessary.

(b) *The head of each DoD component shall:*

(1) Ensure development of the Military Service's documents implementing this part.

(2) Ensure that the Military Service's charters for program managers of all major defense system acquisitions adequately address their training device responsibilities, and that program managers are supported by training system managers.

§ 73.6 Procedures.

(a) OSD oversight for training devices that support a major system or constitute major systems in themselves, shall be accomplished during the system acquisition review process. Military Service-approved DPs, which will evolve as data from detailed training analyses become available, shall be forwarded to OSD not later than the Program Objectives Memorandum (POM) submission in which budget year funds are requested for manufacture of the initial or prototype device(s), but in no case before the milestone listed in paragraph (1) or (2) of this section. Service charges to the DP shall be submitted to OSD as changes occur.

(1) DPs for training devices integral to a major system acquisition shall be submitted to support the Decision Coordinating Paper/Integrated Program summary of the parent defense system by Milestone II.

(2) For training devices designated major systems acquisitions, DPs shall

be submitted with, or incorporated into, the System Concept Paper prepared for Milestone I.

(3) For non-system training devices, DPs, shall be submitted not later than the POM submission in which budget year funds are requested for manufacture of the prototype or the first device.

(b) *Training Effectiveness Evaluation Plan (TEEP).* (1) The Training Effectiveness Evaluation Plan shall be developed as applicable with regard to DoD Directive 5000.3 to ensure that acquired training devices meet the Military Service's training requirements and effectiveness levels. The TEEP shall describe the Service's plan to accomplish training effectiveness evaluations, to the extent the Services deem appropriate, for training devices associated with each major defense system acquisition, training devices constituting major systems in themselves or non-system training devices that meet the threshold described in § 73.2 of this section.

(2) The TEEP should document the planned evaluation of the training functions, performance levels, and proficiency requirements incorporated in the specifications. The TEEP should be approved by the sponsoring Service at least 6 months before the planned commencement of training effectiveness evaluation.

(3) For training devices not meeting thresholds described in § 73.2 of this part, the Military Services are encouraged to prepare, approve, and support a TEEP at least 6 months before the planned commencement of training effectiveness evaluation.

§ 73.7 Effective date and implementation.

This part is effective August 22, 1986. Forward one copy of each implementing document to the Assistant Secretary of Defense (Force Management and Personnel). Management reports and information specified herein shall be submitted for training devices reaching the stated milestones beginning with FY 87 as required by the ASD memorandum. Requirements shall be waived on a case-by-case basis for